

ABSTRACT

A spring disk clamp is provided for securing one or more data storage disks to a disk drive without the need for screws. The disk clamp incorporates an angled surface defining the central opening of the clamp which is positioned adjacent a sloping surface of the hub. An external axial load applied to the clamp deflects the clamp, and allows a retaining member to be wedged between the clamp and the hub. Stabilizing features such as O-rings and the like are also eliminated as the clamp of the invention provides both radial and axial stabilization to the disk pack in its mounting to the hub.